

L 38937-66	ENP(t)/ETI	JD
ACC NR:	AP6029722~	SOURCE CODE: CZ/0043/65/000/012/0918/0924
AUTHOR: Nenov, Nedjalko (Sofia); Popov, Christomil--Popov, Kh. (Sofia); Tomov, Trifon (Sofia); Stefanov, Georgij (Sofia); Tolgyessy, Juraj--Tel'deshi, Yu. (Docent; Engineer; Candidate of sciences; Bratislava) 34B		
ORG: [Nenov; Popov; Tomov; Stefanov] Laboratory for Activation analysis, Geological Research Institute, Main Administration of Geology and Protection of the Earth's Minerals; [Tolgyessy] Department of Radiochemistry and Radiation Chemistry, Slovak Technical University, Bratislava (Katedra radiochemie a radiacnej chemie Slovenskej vysokej skoly technickej) 14		
TITLE: Nondestructive determination of As <sup>1</sup> in ores and minerals containing high amounts of Mn by means of neutron activation analysis 19		
SOURCE: Chemicke zvesti, no. 12, 1965, 918-924		
TOPIC TAGS: neutron radiation, analytic chemistry, gamma spectrometer, scintillation spectrometer		
ABSTRACT: The authors describe a method that may be used in the presence of above 1% of Mn without subjecting the sample to a radiochemical treatment; the samples are irradiated for 20 minutes by a stream of neutrons in a nuclear reactor. They are left standing for 70 hours so that interfering radiocompounds would be decomposed, and then As is determined by using a 400 channel scintillation gamma spectrometer. Sensitivity is $5 \cdot 10^{-6}$ grams, accuracy $\pm 15\%$ . Orig. art. has: 2 figures and 3 tables. [JPRS: 34,669]		
SUB CODE: 07 / SUBM DATE: 03Jun65 / ORIG REF: 001 / SOV REF: 001 / OTH REF: 007 Card 1/14 0918 0201		

TOMOV, Todor, inzh.

Leveling of rice-sown areas. Khidrotekh i melio 7 no.10:315-317  
'62.

TOMOV, Trifon; IVANOV, Vasil

Phagocytosis of leucocytes, and its regulation. Priroda Bulg  
13 no. 2:6-11 Mr-Ap '64.

TOSHEV, G.; KIROV, V.; TANEV, V. (Bulgaria)

Treatment of postpartal mastitis with documental evidence  
Tzvetkov, I. Tech. Zdrav. 1974, No. 115, p. 115. (Bulgaria)  
(USSR 1974)

I. "Santek"naya bol'noe-fizioterapevtskaya poliklinika  
(Gor'kiy, Gor'kiy Oblast', USSR), S. Tzvetkov

TOMOV, Vl.; KOMANDAREV, St.

Possibility of preventing recurrences of echinococcosis in man  
by applying the proteolytic enzyme Papain. Izv khelmin lab  
BAN 9:129-134 '64.

TOMOV, V.I., prof.; VASILEV, Iv., dotsent; MILEV, M.; PAEV, St.

Acute cholecystitis in aged patients. Khirurgija 17  
no.2:220-222 '64.

1. Iz Katedrata po fakultetska khirurgija pri VMI [Vissh  
meditsinski institut] - Sofia.

TOMOVA, Ana; PETRAKIEV, Angel

Technology and machinery in the antierosion cultivation  
of vineyards on slopes. Izv mekh selako stop BAN 4 5-21  
'63.

BANKETOV, A.K.; VERIGO, K.N.; MAKRUSHINA, Ye.A.; SEDOVA, G.A.;  
TOMOVA, I.S.; FOMICHEV, L.Kh., red.; TROITSKIY, A.V.,  
red.; VELLER, L.Ye., red.; LOGINOV, Ye.I., tekhn.red.

[Copper industries in capitalist countries] Mednaia pro-  
myshlennost' kapitalisticheskikh stran. Moskva, Pt.1.  
[Mining and treatment of copper ores] Dobyche i obogashchenie  
mednykh rud. 1962. 171 p. (MIRA 16:4)

1. Moscow. TSentral'nyy institut informatsii tsvetnoy metal-  
lurgii.  
(Copper mines and mining) (Ore dressing)

TOMOVA, Kata, dipl. inz.

Secondary education and training of technicians for the  
Bulgarian canning industry. Prum potravin 14 no. 9:  
458-460 S '63.

1. Stredni odborna skola potravinarskeho prumyslu, Plovidiv.

PEICHEV, P.; IVANOV, V.; TOMOVA, M.

Extraction and pharmacological activity of some preparations of Achillea millefolium. Trud Khim-farmatsevt inst 4:52-53 '63.

VAKLINOVА, S.; SHTARБANOVA, E.; TOMOVA, N.

Using the nitrate and ammonia nitrogen at the formation of some amino acids in the process of photosynthesis. Doklady BAN 15 no.3:293-296 '62.

1. Predstavleno akad. R. Georgievoy [Georgieva, R.].

TOMOVA, N.; LINSKOVA, E.; SPEKTOROV, K.

The effect of different nitrogen sources on the growth and development of a synchronous culture of Chlorella pyrenoidosa Pringsh. 21. Doklady BAN 17 no.8:757-760 '64.

1. Institute of Plant Physiology of the Bulgarian Academy of Sciences. Submitted by Academician I. Emanuiloff [Emanuilov, I.].

L 30179-66 SCTB DD

ACC NR: AP6020313

SOURCE CODE: BU/0011/65/018/007/0659/0662

35  
BAUTHOR: Vaklinova, S.; Tomova, N.; Nikolova, E.; Secenska, M.ORG: Section of Biochemistry, Institute of Plant Physiology, BAN.TITLE: Effect of certain factors on the photooxidation of hydroxylamine in isolated chloroplasts

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 659-662

TOPIC TAGS: chloroplast, hydroxylamine, photooxidation, enzyme, plant chemistry, chlorophyll

ABSTRACT: The authors established earlier that in isolated chloroplasts there occur processes of photooxidation of hydroxylamine to nitrile (Compt. rend. Acad. bulg. Sci., 17, 1964, no. 3, 283) accompanied by absorption of molecular oxygen (Ibid., 17, 1964, no. 11, 1051). Hydroxylamine seemed to be the donor of electrons in a reaction catalyzed by light, and the final acceptor was the molecular oxygen. The present paper deals with the changes in the oxidation rate of hydroxylamine due to the substrate of the reaction ( $\text{NH}_2\text{OH}$ ), the chlorophyll concentration, the pH of the chloroplast suspension, and the temperature. All results seem to indicate that the photooxidation of hydroxylamine is a light-induced enzyme process. This paper was presented by Academician Emanuiloff on 20 March 1965. Orig. art. has: 5 figures. [Orig. art. in Eng.]

[JPRS]

SUB CODE: 06 / SUBM DATE: 20Mar65 / ORIG REF: 002 / OTH REF: 001  
Card 1/1

L 30182-66 SCTB DD

ACC NR: AP6020316

SOURCE CODE: BU/0011/65/018/007/0671/0674

AUTHOR: Vaklinova, S.; Tomova, N.15  
BORG: Section of Biochemistry, Institute of Plant Physiology, BAN

TITLE: Influence of temperature on the reduction of nitrite in higher plants in light and in darkness

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 671-674

TOPIC TAGS: nitrite, plant chemistry, chlorophyll, low temperature effect, enzyme, photosynthesis

ABSTRACT: It is currently believed that the photoreduction of nitrite is an enzymatic and not a purely photochemical process (E. Kessler, in "Research in photosynthesis", Interscience Publishers, Ltd, London; N. P. Voskresenskaya, Dissertation). To elucidate this problem, use is usually made of low temperatures delaying the enzymatic effect without affecting the photochemical reactions. The present article contains data about the influence of temperature on the speed of the reduction under light or in darkness of nitrites in leaves of higher plants. This investigation also made use of chlorophyll-less leaves which are a convenient model for studying the nitrite reduction during exposure to light as compared with that in normal green leaves. The results obtained show that raising the temperature increases the reduction speed of both nitrates and nitrites. This leads the authors to

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ACC NR: AP6020316

believe that this is also the case of plants cultivated on soil, though the effect is obscured by the nitrites obtained as a result of the more intense reduction of the existing nitrates at the higher temperatures. The delaying influence of low temperature is particularly pronounced in nitrite reduction in chlorophyll-less leaves during exposure to light and during the reduction of green leaves in darkness. This paper was presented by Academician I. Emanuiloff on 27 March 1965. Orig. art. has: 3 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUM DATE: 27Mar65 / ORIG REF: 001 / OTH REF: 005  
SOV REF: 004

Card 2/2 97

REF ID: A67511 SOURCE DD/CD-2  
ACC NR: AP6020317

SOURCE CODE: BU/0011/65/018/007/0675/0678

AUTHOR: Tomova, N.; Dechev, G.; Secenska, M.

ORG: Section of Biochemistry, Institute of Plant Physiology, BAN; Section of Biophysics, Institute of Plant Physiology, BAN

TITLE: Light-induced consumption of molecular oxygen from isolated chloroplasts in the presence of potassium cyanide

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 7, 1965, 675-678

TOPIC TAGS: chloroplast, oxygen, photosynthesis, enzyme, redox reaction, potassium compound

ABSTRACT: Isolated chloroplasts without addition of Hill's reagents consume molecular oxygen (A. N. Mechler, Arch. Biochys., 33, 1951, 65; L. S. Grishina, N. P. Voskresenskaya, Dokl. AN SSSR, 151, 1963, 452) under illumination. This absorption is intensified by the addition of certain substances. The part played by oxygen in the electron-transport reactions in isolated chloroplasts is presently investigated in close relation to photosynthetic phosphorylation. This paper reports on experiments showing that isolated spinach chloroplasts consume molecular oxygen most intensely in the presence of KCN and under illumination. Numerical results presented in the form of graphs indicate that transfer of electrons takes place with the participation

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L 393.2-66

ACC NR: AP6020317

of a number of intermediary electron carriers, enzymes included, and the specificity of the substrate of the reaction (KCN) and the high concentrations used seem to indicate that the part of "final oxidase", i.e., o<sup>2</sup> a transfer. This paper was presented by Academician I. Emanouiloff on 1 April 1965. Orig. art. has: 3 figures. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 01Apr65 / ORIG REF: 002 / OTH REF: 011  
SOV REF: 002

Card 2/2/15

TOMOVA, N.G.; YEVSTIGNEYVA, Z.G.; KRETOVICH, V.L.

Assimilation of nitrate and ammonium nitrogen by Chlorella  
pyrenoidosa Pringsheim 82T. Fiziol. rast. 11 no.6:988-997 N-D '64.  
(MIRA 18:2)

1. Popov Institute of Biology, Bulgarian Academy of Sciences,  
Sofia and A.N. Bakh Institute of Biochemistry, U.S.S.R. Academy  
of Sciences, Moscow.

TOMOVCIK, J., doc., inz., CSc., PROCHAZKA, B., inz., SRNKA, F.,  
inz.

Some results of the research on formation, treatment, and  
properties of windrows made by different types of windrowers.  
Zemedel tech 9 no. 5/6 401-416 D '63.

1. PrevadzkovoOekonomicka fakulta, Vysoka skola polnchospodarska,  
Nitra.

TOMUSHKIN, V.S.

KUSHELEV, V.V., inzh.; TOMUSHKIN, V.S., inzh.

Using bituminous glue for heat insulating materials. Sudostroenie  
23 no.8:61-62 Ag '57. (MIRA 10:11)  
(Insulation (Heat)) (Bituminous materials)

UKSHE, Ye.A.; TOMSKIKH, I.V.

Effect of the nature of the electrolyte on the electrocapillary curves of lead in fused salts. Dokl. AN SSSR 150 no.2:347-348 My '63. (MIRA 16:5)

1. Bereznikovskiy filial Vsesoyuznogo alyuminiyev-magniyevogo instituta. Predstavлено akademikom A.N.Frumkinyem.  
(Electrocapillary phenomena) (Lead) (Electrolytes)

TOMOSKOZI . I.

SCIENCE

PERIODICAL: MAGYAR KEMIAI FOLYCIRAT. Vol. 64, no. 7/8, July/Aug. 1958

Tomoskozi, I. Stereochemistry of Prins reaction and its application  
to ketones. p. 301.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 2,  
February 1959, Unclass.

3(5)

SOV/11-59-10-10/16

AUTHOR: Radkevich, Ye. A. and Tomson, I.N.

TITLE: The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, No. 10, pp 107-114 (USSR)

ABSTRACT: The Shcherbakovka mineral deposit (Yuzhnoye Primor'ye - Southern part of the Soviet Far East) is formed of tin-polymetallic cassiterite-sulfide veins occurring in Paleozoic sedimentary rocks. They form a series of vein zones associated with the parallel faults of north-western orientation. There are following paragenetic associations corresponding to different mineral-forming stages: 1) Quartz-arsenopyrite association with cassiterites; 2) sulfide, pyrrhotine-galenite-sphalerite association with cassiterites; 3) Carbonate-sulfide association with fahlerz, boulangerite, stannite, pyrrhotine, sphalerite and galenite; and 4) chalcedony-calcite-antimonite association with pyrrhotine, boulangerite, jamesonite, antimonite and other antimonite minerals. All these mineral associations were formed

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SOV/11-59-10-10/16

The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

in consecutive stages of a single metasomatic process, which explains their geological occurrence and the repetition of the same minerals in different associations. The mica-fluorite-topaz formations associated with casserites discovered at the Shcherbakovka deposits, intersect the earlier formed sulfide and sphalerite-pyrrhotine veins. The texture of these intersecting veins is characterized by the occurrence of radial, banded and wavy thinly-crystalline agglomerations presumably formed in conditions of a rapid decrystallization caused by a sharp fall in the temperature. As the four mentioned associations were formed by magmatic solutions at a temperature steadily falling at each stage, the author thinks that the mica-fluorite-topaz mineralization occurred in conditions of a suddenly increased temperature. Presumably another "portion" of rejuvenated magmatic solution reached the deposit after the first veins were already formed. There are 7 photographs, 1 diagram, and 1 table.

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SOV/11-59-10-10/16

The Superimposition of Mica-Fluorite-Topaz Mineralization on Sulfide Mineralization in the Shcherbakovka Ore Field

ASSOCIATION: Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (Institute of Geology of Mineral Deposits, Petrography, Mineralogy and Geochemistry of the AS USSR, Moscow)

SUBMITTED: March 16, 1958

Card 3/3

TONOSY, J.

"If the Output of Diesel Motors is not Satisfactory", P. 12, (AUTO MOTOR, Vol. 7, No. 12, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

TOMOSY J.

"Methodic Localizing of Defects", P. 12. (AUTO MOTOR, Vol. 7, No. 12,  
June 1954, Budapest, Hungary)

SO: Monthly List of East European Accesions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMOSY, J.

"Attention, Motorcyclists!" P. 13, (AUTO MOTOP, Vol. 7, No. 12  
June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMASY, J.

In order to have less trouble with an accumulator. p. 9, (AUTO MOTOR,  
Budapest, Hungary), Vol. 7, No. 18, Sept. 1954.

SC: Monthly List of East European Accessions, (SEAL), LC, Vol. 4,  
No. 5, May 1955, Uncl.

TOMOSY, J.

"The Dynamo Also Needs An Overhaul", P. 9. (AUTO MOTOR, Vol. 7,  
No. 19, Oct. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMOSY, J.

"How the Bowden Cable Should be Repaired", P. 1G. (AUTO MOTOR, Vol. 7,  
No. 19, Oct. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMOSY, J.

"Description of the Moskvich 401-420", P. 11. (AUTO MOTOR, Vol. 7,  
No. 19, Oct. 1954, Budapest, Hungary)

SO: Monthly List of East European Acces-sions, (FEAL), IC, "Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMOSY, J.

"Again the Accumulator," P. 12 (AUTO MOTOR, Vol. 7, No. 20, Oct. 1954,  
Budapest Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

TOMDSY, J.

"Heaters on the motorcar." p. 24. "The balance of the 12-hour race of the Labor Reserves." p. 25. "Until the raising of the checkered flag." p. 26. "The training course finished with good results." p. 27. "Technical data of the 250 cubic centimeter Csepel motorcycle." p. 30. (AUTO MOTOR, Vol. 5, no. 24, Dec. 1952. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress  
August, 1953, Uncl.

TOMOSY, Jeno, M.

Electricity and the motor vehicle. Musz elet 15 no.19:1 S '60.  
(EEAI 9:12)

(Automobiles)

TOMOSY, J.

Tomosy, J.  
"Setting of ignition on motorcycles." p. 6.  
(Auto Motor. Vol. 6, no. 13, June 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress , September  
1953, Unclassified.

TOMCSY, JENC M.

Gepjarmu-villamossgyi hibakereses es javitas (Locating and Repairing Electric Defects in Motor Vehicles); a book review. p. 403. KOZLEKEDESTUDOMANYI SZEMLE. Budapest. Vol. 5, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

TOMOSY, J.

TOMOSY, J. - Auto Motor - Vol. 8, no. 10, May 1955.

Conference on automobile repairs and on problems of quality. p. 3.

A "devil's kitchen" where wrecked automobiles are rebuilt miraculously. p.5.

Adjustment of devices for regulation of potential. p. 9.

Amateur repairs of motors. p. 10.

SO: Monthly list of East European Acquisitions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955

Uncl.

TOMOSY, J.

Can the blinding effect of headlights be eliminated? p. 9  
AUTO MOTOR. (Kozlekedesi Kiado) Budapest. Vol. 9, no. 8 Apr. 1956  
Thoughts on the future of Hungarian motorcycles. p. 10

Source: EEAL - LC Vol 5. No. 10 Oct. 1956

TOMOSY, M. Jeno

Let us talk about electricity. Auto motor 14 no.10:14 My '61.

KEMCSY, J.

Planned and preventive maintenance of electric equipment. p. 9.  
What should be known about the Donge. (To be contd.) p. 10.  
AUTO MOTOR, Budapest, Vol. 3, no. 13, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Incl.

TKOSY, J.

Testing device for the ignition. p. 19.  
AUTO MOTOR, Budapest, Vol. 3, no. 15, Aug. 1955.

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

TOMESY, M.

"The glow equipment of Diesel engines." p. 6. "Gas turbine on the Gregoire automobile." p. 7. (AUTO MOTOR, Vol. 6, no. 7, Apr. 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress  
August, 1953, Uncl.

TOMOTI, Z.; KORPAS, J.; DOLIAK, M.

Effect of Haemophilus pertussis and of its endotoxin on cough and respiration in acute experiment. Cesk. fysiol. 7 no.3:264-265 May 58.

1. Ustav experimentalnej patologie Lekarskej fakulty Univerzity Komenskeho v Košiciach a Imuna v Michalanech nad Torysou.

(HEMOPHILUS PERTUSSIS,

eff. of bact. suspensions & entoxin on resp. & cough in animals (Cz))

(COUGH, exper.

eff. of Hemophilus pertussis suspensions & endotoxin (Cz))

(RESPIRATION, physiol.  
same)

OVCHAROVA, R.; TOMOV, A.; ABADZHIEV, M.

On the problem of neurouveitis. Suvrem med., Sofia no.12:41-46 '60.

1. Iz Katedrata po nervni bolesti pri ISUL (Rukov. na katedrata  
dots. G.Nastev)  
(UVEITIS)

TOMOV, B. Excerpta Medica Sec 15 Vol. 11/1 Chest Dis. Jan 58

172. TOMOV Bl. *The clinical significance of mediastinal tumours of neurogenic origin* (Bulgarian text) Khirurgija (Sofia) 1956, 9/5 (385-398) Illus. 12

Mediastinal tumours have come to the fore with the recent improvements in intrathoracic surgery and anaesthesiology. Special emphasis is placed on the surgical approach and the local anaesthesia under which mediastinal operations are performed. Wischnewsky's method of local anaesthesia preceded by vagosympathetic block is recommended (homolateral block). Intratracheal anaesthesia is required in the case of adhesions between the tumour and the pleural leaves on both sides. The various types of tumour in the anterior and the posterior mediastinum are discussed with reference to properties, clinical, prognostic and therapeutic aspects. The paper is chiefly concerned with neurogenic tumours of the posterior mediastinum, which are of the greatest clinical and practical significance. An exhaustive description is given of the various types of neurogenic tumour, with reference to localization, origin, connection with the mediastinal organs and histological structure; clinical and therapeutic aspects of these neurogenic intrathoracic tumours are also discussed. The greatest importance is attached to the diagnosis and differential diagnosis of these neoplasms, which are only too easily confused with benign tumours or pulmonary or thoracic cysts. Methods of differentiation are described. Six cases are reported, which were correctly diagnosed and successfully operated on. The tumours were removed, the wound primarily closed and the patient was discharged as cured within a short period of time. Definite diagnosis was based in all cases on histological findings. The paper is illustrated by X-rays made before and after operations, photographs of resected specimens and microphotographs. (IX, 5, 15, 16)

TOMOV, Borislav, inzh.

Switching over to 380/220 volts in Sofia. Tekh delo no.433:3  
7 Jl '62.

TOMOV, B.N., podpolkovnik Bolgarskoy Naredney armii.

Organizing and conducting tactical training. Voen.vest. 36 no.9:  
33-39 S '56. (MLRA 9:10)  
(Bulgaria--Army--Infantry)

TOMOV, G.

"Polyamides, nylon"

Tekhnika, Sofia, Bulgaria. Vol. 8, no. 2, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

NAME	:	Georgiev V. V.	
EDUCATION	:	8	
ORG. JCR.	:	RPKhina, No. 22 1959 No. *	
ARTICLES	:	Polymer, G. N. 1957, 1958	Not given Polyamides
CITE. N.B.	:	Tekhnika (Bulgaria), 8, No. 1, 20-24 (1958)	
WORKS	:	General data on the chemical structure, production, and properties of polyamides and their processing into industrial plastics and chemical fibers are presented.	

400 1/1

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TOMOV, I.; MADZAROV, N.; IVANOV, Iv.S.

Optimization of the work of electric-arc steel furnaces with  
the aid of extremal regulation systems. Godishnik mash elekt  
13 no.2:35-48 '63 [publ. '64].

CENUSE, G., ing.; TOMOV, I., ing.; CENUSE, V., ing.; MELENCIUC, VI., ing.

Methods and means of mechanized filling in underground works.  
Pt.2. Rev min 15 no.7:325-329 Jl '64

B/005/62/000/001/002/002  
D274/D303

AUTHORS: Petkov, T., Tomov, I., and Kyupribashev, R., Engineers

TITLE: An automatic device for controlling the hardness of  
machine components by a magnetic method

PERIODICAL: Mashinostroenie, no. 1, 1962, 43 - 45

TEXT: Investigations were carried out at MEI, Sofia, in order to determine the possibility of constructing an automatic device which can grade machine components according to their hardness. The object of the investigations was the dependence between the residual magnetic induction Br in the investigated specimens and the hardness (thermal treatment). Cylindrical specimens were found to be most suitable for the experiment. Three types of steel were tested: ordinary carbon steel, steel CT 45 (ST45) and alloyed steel CT4×BC (ST4KhVS). Similar specimens were thermally treated, and then magnetized in a constant electromagnetic field for 10 sec. Afterwards, each of the specimens was dropped from the same height through a measuring coil. In this way it was proved that the residual induction is almost equal for the different components.

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B/005/62/000/001/002/002  
D274/D303

An automatic device for controlling ...

A milivoltmeter connected to the coil indicates the e.m.f. induced in the coil by the residual magnetic flux of the specimens. The results show that it is possible to obtain the necessary substantial difference in the signals at the output of the coil, when there is a minimum difference in the hardness of the components. It is necessary for one of the electromotive voltages (obtained when the specimen enters or leaves the coil) to be amplified in order to start some working (e.g. sorting) mechanism. The other electromotive voltage must be 'cut down'. A full diagram of the amplifier is given. The amplifier was calculated for thyatrons type ТГ 1 - 0.1/0.3 (TG1) and an a.c. relay РЭС 6 (RES6). This device can be used as a basis for a full scale automatic controlling device - The Remanentoscope which will be able to grade components according to their hardness. The efficiency of such a device can reach 1000 to 7000 components per hour. There are 8 figures and 4 Soviet-bloc references.

Card 2/2

TOMOV, I., inzh.; MADZHAROV, N., inzh.

A system of automatic optimization. Elektroenergiia 13 no.1:  
10-13 Ja '62.

TOMOV, K., Inzr.

Multikanal'nyy radio operator. Nauka i tekhnika 16 no.6:  
22 '64

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220014-3

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220014-3"

TOMOV, K.

Concerning the Production of Seamless Rubber Articles. LEKA PROMISHLENOST  
(Light Industry) 4:22: April 55

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220014-3

ture upon the

3605

CH

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220014-3"

TOMOV, K.

TOMOV, K. The material called Manipur. p. 33.

Vol. 5, No. 3, 1956.

RADIO  
TECHNOLOGY  
Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

RASHEV, M.; TOMOV, L.; VASILEV, M.; ZOGRAFSKI, B.; STANCHEV, L.; VLADIMIROV, V.;  
KUNOV, A.; KAMBUROV, I.; ANGAROV, G.; STAIKOV, G.; ORBETSOV, M.

Comparative clinical considerations on influenza epidemics in 1952,  
1957 and 1959 in our country according to data of the internal clinic  
of the Sofia Higher Medical Institute. Nauch. tr. vissh. med. inst.  
Sofia 40 no.2:1-27 '61.

1. Predstavena ot prof. M. Rashev, rukovoditel na Katedrata po vutreshni  
bolesti.

(INFLUENZA epidemiol)

TOMOV, L.

Experience of Ruse harbor in utilizing mechanization for raising labor productivity.  
p.51.  
(TRANSPORTNO DELO, Vol. 9, no. 6, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncr.

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Myocardial infarct. Izv. Mikrob. inst., Sofia no.8:433-452 1957.

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pri ban i katedra po fakultetska terapiia (zav.: ch. -kor. prof. K. Chilov  
pri visshiia meditsinski institut v Sofia.

(MYOCARDIAL INFARCT, manifest.

ECG (Bul))

(ELECTROCARDIOGRAPHY, in various dis.

myocardial infarct (Bul))

TOMOV, L., D-r., kand, na medits, nauki, VIADIMIROV, Vl., D-r.

Clinical importance of the electrocardiogram in relation to Botkin's disease. Izv. Mikrob. inst., Sofia no.8:453-463 1957.

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visshia meditsinski institut v Sofiia.  
(HEPATITIS, INFECTIOUS, manifest.

ECG (Bul))

(ELECTROCARDIOGRAPHY, in various dis.  
hepatitis, infect. (Bul))

TOMOV, L.

"Clinical testing of Cytisine, a preparation made from a Bulgarian drug."

IZVESTIIA. SERIIA EKSPERIMENTALNA BIOLOGIIA I MEDITSINA, Sofiia, Bulgaria,  
No. 1, 1957.

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Congress, Volume 8, No. 8, August 1959.

Unclassified

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"Comparative data on the speed of circulation (determined with ether, magnesium sulphate, and cytisine) in the presence of ulcer before and after sleep treatment. Report 3."

IZVESTIIA. SERIIA EKSPERIMENTALNA BIOLOGIIA I MEDITSINA, Sofiia, Bulgaria,  
No. 2, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

STANCHEV, L.; TOMOV, L.

Abscess-forming bronchiectasis with rupture into the pericardium. Suvrem.  
med., Sofia 8 no.9:91-95 1957.

l. Iz Katedrata po patologichna anatomiia pri VMI - Sofiia Zav. katedrata  
prof. B. Kurdzhiev. Katedrata po fakultetska terapiia pri VMI - Sofiia  
Zav. katedrata: Prof. M. Rashev.

(BRONCHIECTASIS, compl.

abscess-forming with rupt. into pericardium)

(PERICARDIUM, rupture

abscess-forming bronchiectasis with rupt. into pericardium)

(ABSCESS, etiol. and pathogen.

bronchiectasis, with rupt. into pericardium)

TOMOV, L.; STANCHEV, L.

Successful therapy of a case of Felty's syndrome with irgapyrine.  
Suvrem. med., Sofia 8 no.10:112-118 1957.

1. In Katedrata po fakultetska terapiia pri VMI --Sofiia (zav. katedrata:  
prof. M. R. Rashev).

(AMINOPYRINE, ther. use,  
irgapyrine in Felty's synd. (Bul))

(PHENYLBUTAZONE, ther. use,  
same)

(ARTHRITIS, RHEUMATOID, therapy,  
Felty's synd., irgapyrine ther. (Bul))

Country : Bulgaria  
Category : Human and Animal Physiology, Circulation T  
Abo, Jour. : Ref Zhur Biol, No. 2, 1959, No. 8074  
Author : Tomov, L; Vladimirov, V.  
Institut. : The Medical Institute of the Bulgarian Academy of Sciences  
Title : The Clinical Significance of the EKG in Infectious Hepatitis.  
Orig. Pub. : Izv. Med. in-ti Bulg. AN, 1957, 14, 453--463

Abstract : no abstract

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Certain hemodynamic indexes in peptic ulcer before and after therapy  
with prolonged sleep; second communication. Izv. med. inst., Sofia  
8:37-51 1953.  
(CIML 25:5)

1. Candidate Medical Sciences.

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8:81-90 1953.~~

(CLML 25:5)

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Clinical aspects of cardiac insufficiency in hypertension. Suvrem. med.,  
Sofia 9 no.7:34-43 1958.

1. Iz Katedrata po Fakultetska terapiia pri VMI - Sofia (Zav. katedrata:  
prof. M. Rashev).

(HYPERTENSION, compl.  
congestive heart failure (Bul))  
(CONGESTIVE HEART FAILURE, etiol. & pathogen.  
hypertension (Bul))

TOMOV, L.

Experience of Ruse Harbor in increasing its capacity of handling ships. p. 77.  
TRANSPORTNO DELO. Vol. 8, no. 4, 1956  
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SOURCE: East European Accessions List (EEAL) Library of  
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KAMBUROV, I.; TOMOV, L., kand.med. nauki ; VLADIMIROV, Vl.  
Case of echinococcosis of the heart. Suvrem.med., Sofia 6 no.3;  
91-96 1955.

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K.Chilov) pri Visshia meditsinski institut V.Cherenkov -  
Sofia.

(HEART,  
echinococcosis, case report)  
(ECHINOCOCCOSIS,  
heart, case report)

TOMOV, L., ot kand. na medits. nauki; DOBREV, D.

Sleep therapy of hypertension. Suvren.med., Sofia 6 no.3:70-75  
1955.

1. Iz klinikata po fakultetska terapiia pri Visshiia meditsinski  
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(SLEEP, therapeutic use,  
hypertension)  
(HYPERTENSION, therapy,  
sleep ther.)

Tomev, b.

CHILOV, K.; prof.; TOMOV, L.; VLADIMIROV, Vl.; STANCHEV, L.; NIKOLAEV, I.,  
ATANASOVA, M.  
Considerations on hypertension. Suvrem. med., Sofia 6 no.3:  
6-10 1955.

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institut V.Ghervenkov - Sofiia (direktor: prof. K.Chilov)  
(HYPERTENSION)

TOMOV, L.; PANDOV, KH.; STANCHEV, L.; VLADIMIROV, Vl.; KUNOV, A.

Changes in serum protein electrophoresis and colloidal plasma stability in patients with rheumatism. Suvr. med. 12 no.6:19-34 '61.

1. Iz Katedrata po vnutreshni bolesti pri viashchia meditsinski institut, Sofiia. (Rukovoditel na katedrata prof. M. Rashev)

(RHEUMATISM blood) (BLOOD PROTEINS)  
(ELECTROPHORESIS)

TOMOV, L.; VLADIMIROV, Vl.; KUNOV, At.; STANCHEV, L.; PANDOV, Kh.

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no.9:35-44 '61.

1. Iz Katedrata po fakultetska terapiia pri Vissz meditsinski institut,  
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(RHEUMATIC HEART DISEASE diag)  
(ELECTROCARDIOGRAPHY)

TOMOV, L.; STANCHEV, L.; VLADIMIROV, Vl.; KUNOV, At.; PANDOV, Kh.; AVRAMOVA, F.

Our experience with the treatment of rheumatism. Suvr. med. 12 no.8:  
3-17 '61.

1. Iz Katedrata po vnutreshni bolesti pri visshia meditsinski institut,  
Sofiia (Rukov. na katedrata prof. M. Rashev)

(RHEUMATISM ther)

CHILOV, Konstantin, prof.; VLADIMIROV, Vlatsimir, d-r; TOMOV, Liubomir  
d-r. kand. na med.nauki.

Electrocardiographic changes in hypertension. Izv.med.inst.Sofia  
11-12:65-88 1955.

1. Chlen-korrespondent, prof. Konstantin Chilov, Klinika po  
fakultetska terapiia (zav.:prof. K. Chilov) pri Vishiia meditein  
ski institut V. Chervenkov.

(HYPERTENSION, physiology,

ECG)

(ELECTROCARDIOGRAPHY,in various diseases,  
hypertension)

TOMOV, N.

"Is It Necessary to Detassel Maize?"

p. 13 (Kooperativno Zemedelie, No. 6, June 1958, Sofia, Bulgaria)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 11,  
Nov, 1958

BULGARIA/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29720

Author : Telkiyev, G., Tomov, N.

Inst : -  
Title : Corn Seed Stimulation Experiments Made at the Agricultural Experimental Station in Polyanograd.

Orig Pub : Selskostop. mis"l, 1957, 2, No 3, 181-183 (bolg.).

Abstract : The treatment of corn seeds in solutions of KBr and Na<sub>2</sub>SO<sub>4</sub> had no positive results. The corn yield raised from the seeds processed with KBr and Na<sub>2</sub>SO<sub>4</sub> totalled 92 and 89% of the corn harvest derived from seeds which were soaked in water.

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TOMOV, P.

"Worm apparatus for extraction of drugs."

p.22 (Ratsionalizatsiia, Vol. 7, no. 3, Mar. 1957, Sofiia, Bulgaria)

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TOMOV, T.

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RADIO. Sofiya. Vol. 4, no. 4, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 11,  
Nov. 1955, Uncl.

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1. "An Improved Type of Nut for Drying Alfalfa," - IRVANKA DOROGA, Junior Scientific Collaborator, Institute in Regional Agricultural Production Research, Tashkent, USSR; pp 2-4.
2. "Our Experience with Preserving Green Alfalfa with Sodium Metabisulfite," - G. V. KARAEV, Director of the Central Agricultural Scientific Research Institute; pp 5-8.
3. "For the Correct Distribution and Consolidation of Poultry Production in the Cooperative Farms," - N. V. KALINOV, Senior Scientific Collaborator, Tashkent Agricultural, Junior Scientific Research Institute; pp 9-10.
4. "The Influence of the Age of Hens for Breeding Purposes on the Size of Their Productive Characteristics," - V. V. VYKHLIKOV, Director, Tashkent Agricultural Institute ("Central Agricultural Institute") and V. V. VLASOV, State Farm: Director, Senior Zoologist, G. Dzhidrov, "State Farm" pp 15-17.
5. "Combined Management of the Poultry Farm in the Village of Malozernye," - V. I. LEVKIN, Cooperative Farm Director, Senior Zoologist at the V. I. Lenin Cooperative Farm; pp 18-22.
6. "Many Paths Lead to Game Production," - Shokhrukh JAHNOV, Poultry keeper at the cooperative farm in the village of Prokhladnoye (Zolotnaya Balka); people's representative, the Red Banner of Labor, and G. URGAMOV; pp 23-25.
7. "The Daily Productivity of Agricultural Crops," - IRVANKA DOROGA, Junior Scientific Collaborator, Tashkent Agricultural, Junior Scientific Research Institute; pp 26-29.
8. "Feeding as a Factor in Breeding," - Professor Petrov IVANOV; pp 30-32.
9. "Our Experience with Breed Improvement," - Peterur Station Director, Director of the Oredim Improvement Station, Tashkent, pp 33-35.
10. "The Artificial Insemination of Cows with Sperm Infused with a Monobasic-phosphate Mixing Agent," - MULUD-ZH. BAKHROBAYEV and Lubnay ALIMOV, Director and Researcher TURKEY and Lubnay ALIMOV, Director and Researcher (respectively) as well as breed improvement station Tashkent; pp 40-42.

TOMOV, T., inzh.

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the complex ores of the Rhodope mines. Min delo 18 no. 2:  
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27-29, 39 '64

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"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756220014-3

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APPROVED FOR RELEASE: 04/03/2001

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5 no.2: 50-53 '60.  
(Romances--History and criticism)  
(Bulgarians in France)  
(Epic poetry--History and criticism)

TOMOV, Tr., inzh.

Mass spectrometry. Mat i fiz Bulg 5 no.2:21-25 Mr-Ap '62

l. NIGI, Sofia.

TOMOV, Tr.

16 JUN 1962

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1. "Electrons Computers and Programming," Simeonov (not identified); pp 1-8.
2. "A Property of Infinite Series of Polygons Described in a Given Way Around a Circle," Serge Ruzic (not identified); pp 5-11.
3. "Semiconductor Materials," Vaygen Dimentov (not identified); Sotin; pp 11-21.
4. "Mass Spectrometry," Igor Tr. TOMOV or Higgs (not identified); pp 21-25.
5. "Word outside of Class on Mathematics in the Fifth to Seventh Grades," P. Yu. Gerasimov (continuation from Kontakht, 1st Ed., No. 1962); translated from the Russian; not otherwise identified; pp 36-51.
6. "How to Formulate Concepts in Physics in Middle School," P. Galaty (not identified), Sotin; pp 31-35.
7. "The Study of Mathematics in Grade School," V. Tihinev, Mathematics Inspector (Insp. Pedagogical Inspector po Matematike), RDS (not identified), Prague; pp 35-41.
8. "Radioactive Emission through Physics Lessons," S. Stoycheva (not identified), Yarmi; pp 42-43.
9. "Reciprocal Functions," Kiril I. Simeonov (not identified), Blagoevgrad; pp 32-37.
10. "Writer and Educator," Florina Stoycheva, Professor, Sofia University (Sofia University Astronomical Institute of Physics (Physics and Applied Mathematics), Bulgarian Academy of Sciences (BAS) (Bulgarian Academy of Sciences)); pp 38-39.

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TOMOV, Tr.

Hormones and lactation. Priroda Bulg 11 no.5:39-43 S-0 '62.

1. Vissh veterinarno-meditsinski institut.

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Possibilities of dressing nonsulfide ores in heavy media and the quality control of the beneficiation products with the aid of reflected  $\beta$ -radiation. Nauch. soob. IGD 19:120-130 '63. (MIRA 17:2)

SOLNYSHKIN, V.I., kand. khim. nauk; TOMOV, T.G., inzh.

Electron microscope study of particles in aqueous suspensions of  
ferrosilicon and separation of tin-bearing ores in them. Nauch.  
soob. IGD 20:145-148 '63. (MIRA 16:10)

(Electron microscopy)  
(Ore dressing—Equipment and supplies)

GRUEV, Blagoi; TOMOV, Vasil

Phyllophagous beetles (Chrysomelidae, Coleoptera), pests of some  
cultivated plants. Priroda Bulg 13 no.5:89-91 S-0 '64.

TOMOV, Vl., Prof.

Indications and approach in surgical therapy of unilateral pulmonary echinococcosis with simultaneous hepatic echinococcosis.  
Khirurgija, Sofia 9 no.10:865-869 1956.

1. Viash meditsinski institut--sofia fakultetska khirurgichna klinika Direktor: prof. G. Popov.  
(ECHINOCOCCOSIS, surgery,  
liver & lungs (Bul))  
(LIVER DISEASES, complications,  
echinococcosis with pulm. spreading, surg. (Bul))  
(LUNG DISEASES, complications,  
liver, with hepatic spreading, surg. (Bul))

BULGARIA/General Problems of Pathology - Comparative Oncology.  
Tumors of Man.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75567

Author : Tomov, Vl.

Inst :

Title : Tumors of the Mediastinum of Neurogenic Origin and Their  
Clinical Significance.

Orig Pub : Khirurgiya (Bulg.), 1956, 9, No 5, 385-398

Abstract : 6 cases of successfully-operated neurogenic tumors in posterior mediastinum are described. Diagnosis was confirmed histologically. -- Ye.A. Skvirakaya.

Card 1/1

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